



State of Utah


DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

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September 22, 1999

TO: Minerals File

FROM: Doug Jensen, Reclamation Specialist 

RE: Site Inspection, Emery Industrial Resources, Cherry Hill Park Mine, M/049/021, Utah County, Utah

Date of Inspection: September 22, 1999
Time of Inspection: 0915
Conditions: Clear and Cool
Participants: Lynn Kunzler, and Doug Jensen DOGM

Purpose of Inspection: Site Familiarization and GPS Total Disturbance

Dan Powell had been informed of our visit and was invited to be at the site if he chose to. No one was at the site during our inspection. All equipment had been removed from the site, apparently for the season. A GPS survey of the site indicated a total area of 19.7 acres of disturbance, this includes the recontoured area.

The area was wet from recent rains and water had collected in several catch-basin areas on the site. The area that had been recontoured had several areas that showed rilling as a result of storm events. These catch-basins also function as sediment control features; at the present time no water flows off the site. The site does not interrupt any major drainages, the only drainage is located South-West of the site and presently shows no effect from this disturbance

The area labeled as reclaimed was actually only recontoured, no soils have been placed over this area in preparation for seeding. The center of the recontoured area has several areas where rilling has occurred, due to several factors. One factor is that no effort was made to close off a road drainage that enters along an old access road at the top of the site. The recontoured area was left smooth with no interruption of shallow drainage which runs through the center of this area. Some work will have to be performed in this area prior to soil placement to remove the rilling. Soil needs to be placed and ripped on contour, prior to seeding, to prevent this problem from occurring in the future. Also the road drainage entering the upper portion needs to be closed off. The GPS survey indicated that this area encompasses 4.3 acres.

There were four to five exploration pits (2 ft X 5 ft) above this recontoured area which need to be backfilled as they are in areas of high brush and are hard to distinguish.

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This site has a problem with a bull thistle infestation along the edges of the disturbance where some soil still exists. As there are no soils within the active portion of the site, this is not a problem in these areas. Soil piles should be seeded to prevent this problem from invading into new disturbances. Seeding should take place the same season that soils are placed over reclaimed areas, as a method of controlling this problem. A weed control effort may need to be made before seeding from the present soil piles.

The grandfathered area was also GPS'd for total area, for future reference. This area encompasses the building, access road and old load-out area.

jb
cc: Dan Powell, Operator
M49-21.ins